



American Chemical Society Symposium

Fuel Cell Technology *Hydrogen Storage*

August 19th – 23rd, 2007, Boston, MA
234th American Chemical Society (ACS) National Meeting
Sponsored by the ACS Fuel Chemistry Division
*** Preprints due on-line by April 2, 2007 ***

Call for Papers

“Hydrogen Storage” is important for the widespread use of hydrogen as an energy-storage medium, and is especially critical to realizing its use as a transportation fuel. Science and technology are needed that allow safely storing enough hydrogen on-board a vehicle to achieve the DOE goal of a 300 mile (500 km) driving range, and provide at least 6 system weight percent available hydrogen by 2010. Leading “materials-based” approaches at present include:

- Reversible metal hydrides
- Clathrates and high-surface area sorbants
- Reversible or irreversible dehydrogenation of hydrogen-storing chemical compounds

Papers should address novel means of implementing these approaches, or new chemistry or materials-based approaches that could enable achieving the DOE storage goal. New materials, new reactions and catalysts, and new engineering and theoretical concepts are among the topics that will be discussed in this Symposium.

On-line Submissions:

On-line submission of both an abstract and a preprint are required on-line at the ACS OASYS website: <http://oasys.acs.org/oasys.htm>

Instructions and the preprint template are available at ACS Fuel Chemistry Division website: <http://www.anl.gov/PCS/acsfuel/preprintinfo.html>

In addition, please contact one of the co-chairs for inquiries and submissions:

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